Technical sheet:

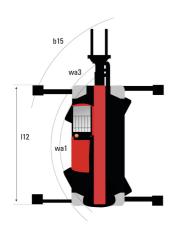
MRT-X 2550 PRIVILEGE PLUS

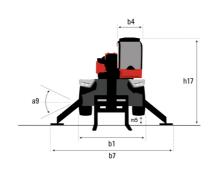


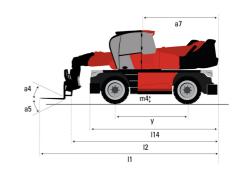


Opposition		Motio	January 1 and 1
Capacities		Metric	Imperial
Max. capacity		4999 kg	11021 lb
Max. lifting height		24.70 m	81 ft
Maximum outreach		21.40 m	70 ft 3 in
Veight and dimensions			
verall length (with forks)	l1	9.04 m	29 ft 8 in
ength to face of forks	12	7.84 m	25 ft 9 in
Overall width	b1	2.49 m	8 ft 2 in
Overall height	h17	3.05 m	10 ft
Overall cab width	b4	0.99 m	3 ft 3 in
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Fround clearance	m4	0.35 m	1 ft 2 in
Vheelbase	у	3.05 m	10 ft
ilt-up angle	a4	13 °	13 °
ïlt-down angle	a5	102 °	102 °
urret rotation		360 °	360 °
overall weight		18900 kg	41667 lb
orks length / width / section	l/e/s	1200 mm x 150 mm x 50 mm	47 in x 6 in x 2 in
/heels			
ïres type		Pneumatic	Pneumatic
standard tires		445/65 R22,5	445/65 R22,5
Drive wheels (front / rear)		2/2	2 / 2
Stabilisers			2,2
Stabilizers Type		Telescopic Duplex	Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneou
ingine		Stabe communacimatinatal of cimataneous	
ingine brand		Mercedes	Mercedes
ingine norm		Stage IIIA / Tier 3	Stage IIIA / Tier 3
ingine model		OM 904 LA. E3A/2	OM 904 LA. E3A/2
C. Engine power rating / Power / Engine rotation		150 Hp / 110 kW @ 1600 rpm	150 Hp / 110 kW @ 1600 rpm
Max. torque / Engine rotation (min)		580 Nm @ 1200 rpm	428 ft/lbs @ 1200 rpm
lumber of cylinders - Capacity of cylinders		4 - 4250 cm³	4 - 259 in³
njection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
Electric circuit			2 12 1
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
<u>Fransmission</u>			
ransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		2/2	2/2
Max. travel speed		40 km/h	25 mph
Orawbar pull		8700 daN	8700 daN
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
lydraulics			
lydraulic pump type		Gear pump	Gear pump
lydraulic flow		115 l/min	30 US gpm
lydraulic Pressure		275 bar	3989 PSI
ank capacities			
ngine oil		14	4 US gal
uel tank		305 I	81 US gal
oise and vibration			
oise at driving position (LpA)		79.70 dB	79.70 dB
loise to environment (LwA)		108 dB	108 dB
ibration on hands/arms		< 2.50 m/s²	< 2.50 m/s ²
Aiscellaneous		2.22 11/4 0	2.00, 0
Steering wheels (front / rear)		2 / 2	2 / 2
Controls		2 / Z 2 Joysticks	2 Joysticks
Cab certification		2 Joysticks Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
an centileation		Capili ropo - foro level Z	Capill ROPS - FUPS level 2

MRT-X 2550 Privilege Plus - Dimensional drawing







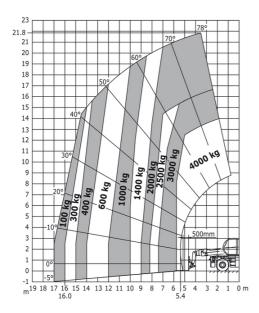
Other data		
Length of frame	l14	
Wheelbase	у	
Ground clearance	m4	(
Counterweight offset (turret at 90°)	a7	
Tilt-up angle	a4	
Tilt-down angle	a5	
Overall length at stabilisers	l12	į
Outer frame turning radius	Wa3	
Outer turning radius (with forks)	b15	(
Overall width with stabilisers extended	b7	
Overall height	h17	;
Frame leveling corrector	a9	
Ground clearance under front tires on stabilizers	m5	

5.35 m	
3.05 m	
0.35 m	
3.18 m	
13 °	
102 °	
5.19 m	
5.23 m	
6.92 m	
5.55 m	
3.05 m	
+/- 8 °	
0.23 m	

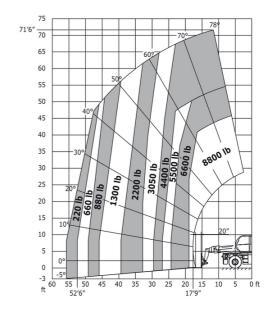
·
17 ft 7 in
10 ft
1 ft 2 in
10 ft 5 in
13 °
102 °
17 ft
17 ft 2 in
22 ft 8 in
18 ft 3 in
10 ft
+/- 8 °
9 in

MRT-X 2550 Privilege Plus - Load chart

Machine on tires with forks Metric

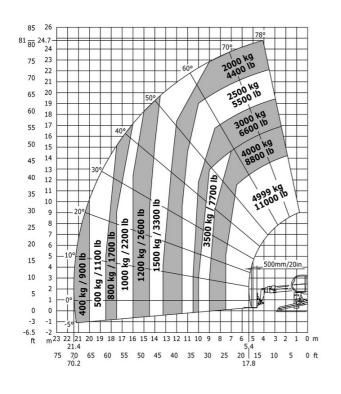


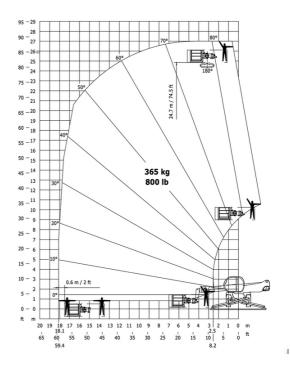
Machine on tires with forks Imperial



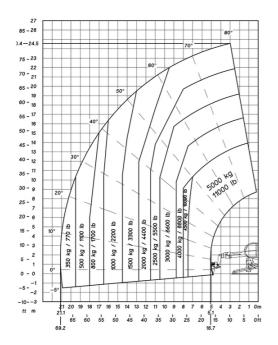
Machine on lowered stabilisers with forks Metric

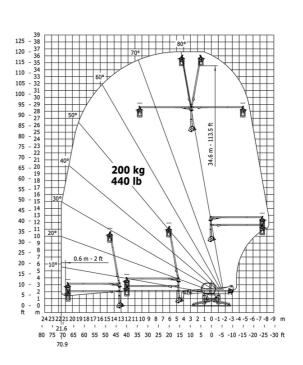
Machine on lowered stabilisers with 365/1000 kg platform Imperial





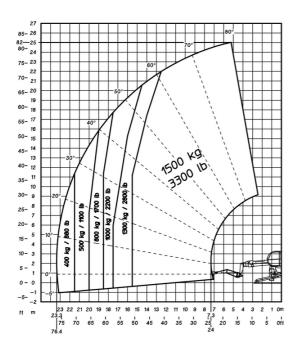
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with 3D positive / negative Imperial

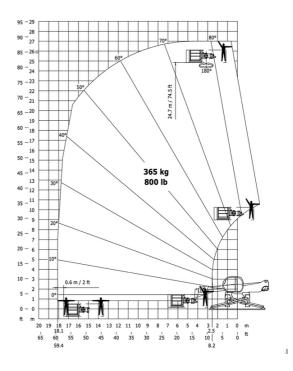




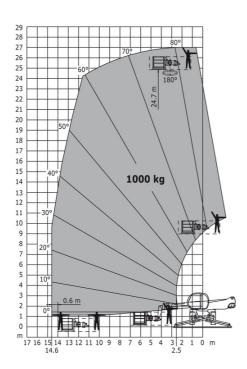
Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 365 kg platform Metric

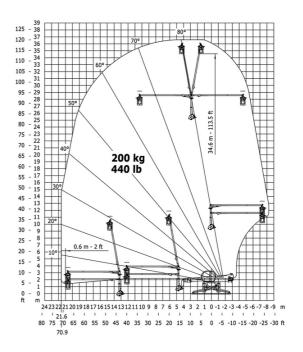




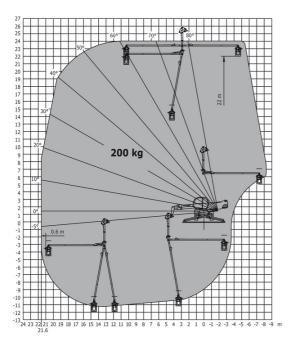
Machine on lowered stabilisers with 1000 kg platform Metric



Machine on lowered stabilisers with 3D positive Metric



Machine on lowered stabilisers with 3D negative Metric







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